## **EAST Search History**

| Ref<br># | Hits | Search Query                                                                                                                  | DBs                                                              | Default<br>Operator | Plurals | Time Stamp       |
|----------|------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|---------------------|---------|------------------|
| L30      | 3980 | 355/30,69.ccls. or 378/34,35.ccls.                                                                                            | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/03/08 11:04 |
| L31      | 7862 | 355/53,67,77.ccls. not 30                                                                                                     | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/03/08 11:35 |
| L32      | 13   | debris near4 (mitigat\$3 or trap or filter\$3) same particles same magnetic near3 field                                       | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR ·                | ON      | 2007/03/08 11:37 |
| L33      | 2    | debris near4 (mitigat\$3 or trap or filter\$3) same particles same magnetic near3 field.clm.                                  | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/03/08 12:10 |
| L34      | . 1  | (10/697579).APP.                                                                                                              | USPAT;<br>USOCR                                                  | OR                  | ON      | 2007/03/08 11:40 |
| L35      | 4    | debris near4 (mitigat\$3 or trap or filter\$3) same (debris or particles) same magnetic near3 field.clm.                      | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR ·                | ON      | 2007/03/08 11:44 |
| L36      | 42   | (debris or particles) same magnetic<br>near3 field same (switch\$3 or<br>turn\$3 near3 off).clm.                              | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON .    | 2007/03/08 11:46 |
| L37      | 2    | (debris or particle) same perpendicular\$2 near5 magnetic near2 field same perpendicular\$2 near5 electric near2 current.clm. | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR                  | ON      | 2007/03/08 11:53 |

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| L38 | 4    | (debris or particle) same perpendicular\$2 near5 magnetic near2 field near5 gradient.clm.                                                                                                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08 11:49 |
|-----|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----|----|------------------|
| L39 | 1    | (debris or particle) same force<br>near5 (spread\$3 or diffus\$3 or<br>deflect\$3) near5 perpendicular\$2<br>near5 magnetic near2 field same<br>perpendicular\$2 near5 electric<br>near2 current.clm.                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08 11:55 |
| L40 |      | (debris or particle) same magnetic<br>near2 field near5 gradient near5<br>(form\$3 or creat\$3 or generat\$3 or<br>produc\$3) near3 volume near5<br>contained.clm.                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08 11:59 |
| L41 | 0    | (debris or charged near2 particle) same magnetic near2 field near5 gradient near5 (form\$3 or creat\$3 or generat\$3 or produc\$3) near3 volume near5 contained.clm. and (EUV or extreme near2 ultraviolet near2 (light or radiation or source or ray)) and (\$5lithograph\$2 or (expos\$3 or imag\$3 or pattern\$3) near5 (substrate or wafer))                | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08 12:06 |
| L42 | 0    | (debris or charged near2 particle) same magnetic near2 field near5 gradient near5 (form\$3 or creat\$3 or generat\$3 or produc\$3) near3 volume near5 contained same frequency.clm. and (EUV or extreme near2 ultraviolet near2 (light or radiation or source or ray)) and (\$5lithograph\$2 or (expos\$3 or imag\$3 or pattern\$3) near5 (substrate or wafer)) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08 12:18 |
| L43 | 0    | debris near4 shield\$3 same particles same magnetic near3 field. clm.                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08 12:10 |
| L44 | 7776 | 250/492.1,492.2,504R,505.1.ccls. or 378/119.ccls.                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08 12:16 |

## **EAST Search History**

| L45 | 7337 | 44 not (30 or 31)                                                                                                                                                                                                                                                                                                                                                      | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08 12:17 |
|-----|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----|----|------------------|
| L46 | 0    | 45 and 36                                                                                                                                                                                                                                                                                                                                                              | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08 12:17 |
| L47 |      | 45 and (debris or charged near2 particle) same magnetic near2 field near5 gradient near5 (form\$3 or creat\$3 or generat\$3 or produc\$3) near3 volume near5 contained same frequency.clm. and (EUV or extreme near2 ultraviolet near2 (light or radiation or source or ray)) and (\$5lithograph\$2 or (expos\$3 or imag\$3 or pattern\$3) near5 (substrate or wafer)) | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08 12:19 |
| L48 | . 1  | 45 and (debris or charged near2 particle) same magnetic near2 field near5 gradient.clm. and (\$5lithograph\$2 or (expos\$3 or imag\$3 or pattern\$3) near5 (substrate or wafer))                                                                                                                                                                                       | US-PGPUB;<br>USPAT;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/03/08 12:19 |